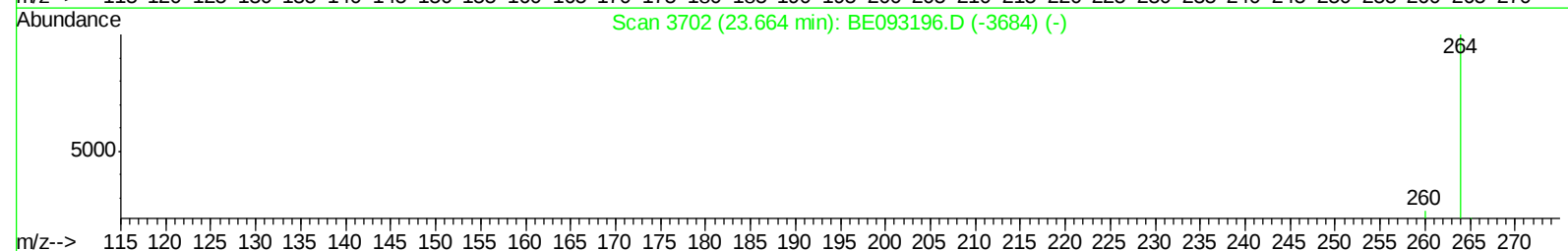
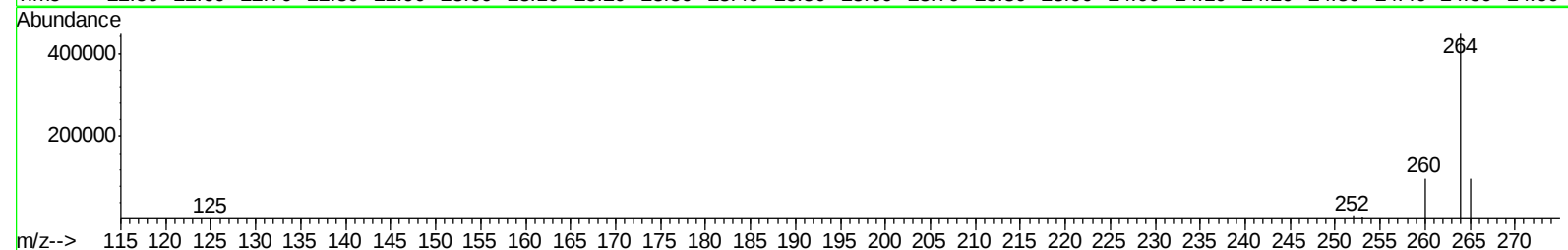
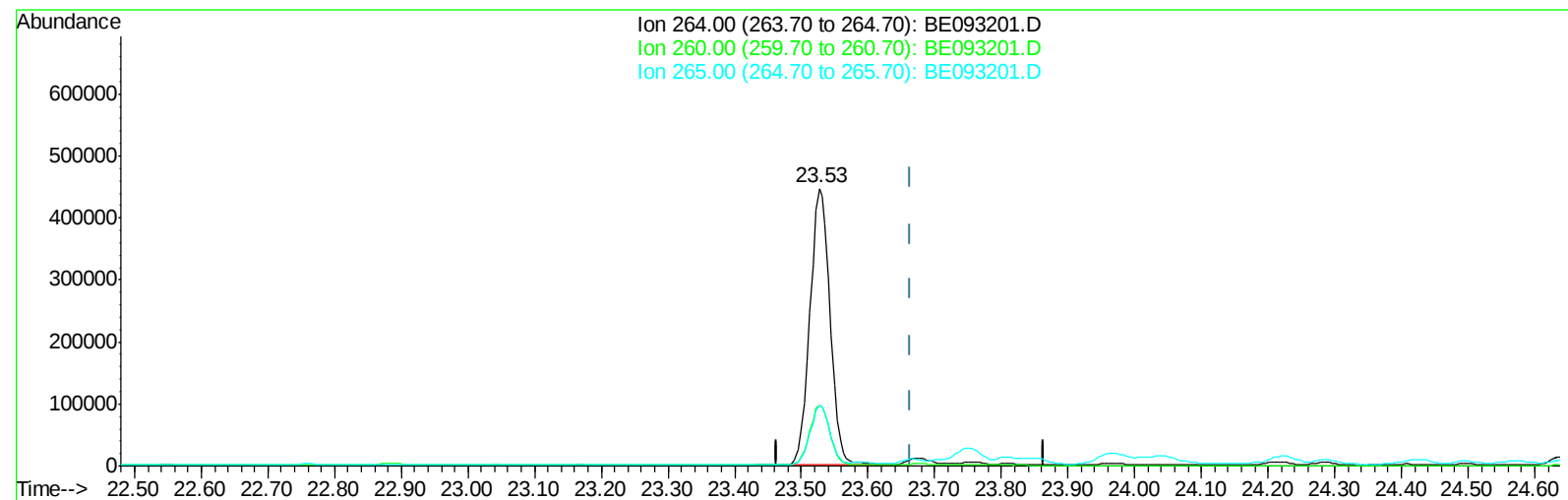


Data Path : Z:\HPCHEM1\BNA\_E\Data\BE061417\  
Data File : BE093201.D  
Acq On : 15 Jun 2017 10:32  
Operator : SJ/MA  
Sample : I3520-14  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jun 15 11:38:58 2017  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE060717.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 15 07:58:47 2017  
Response via : Initial Calibration



TIC: BE093201.D

(20) Perylene-d12 (I)

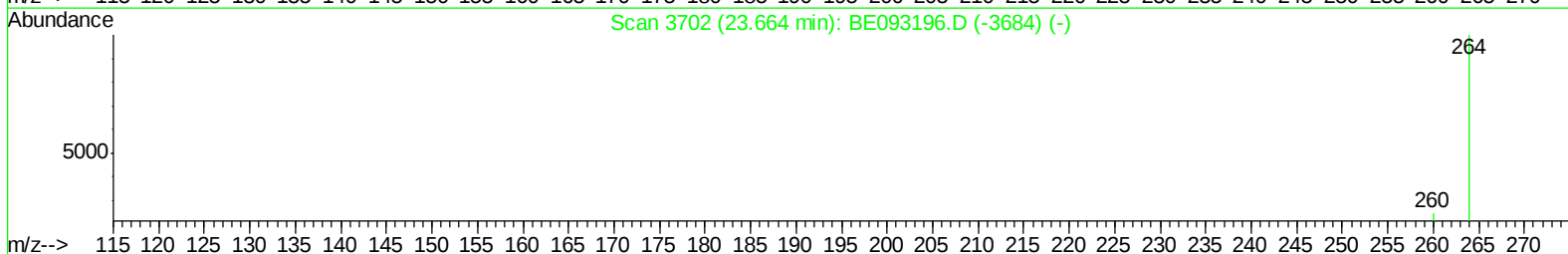
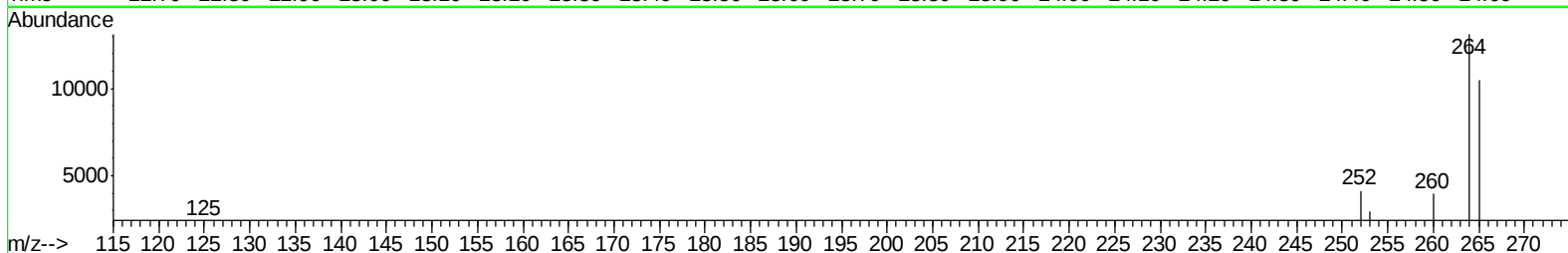
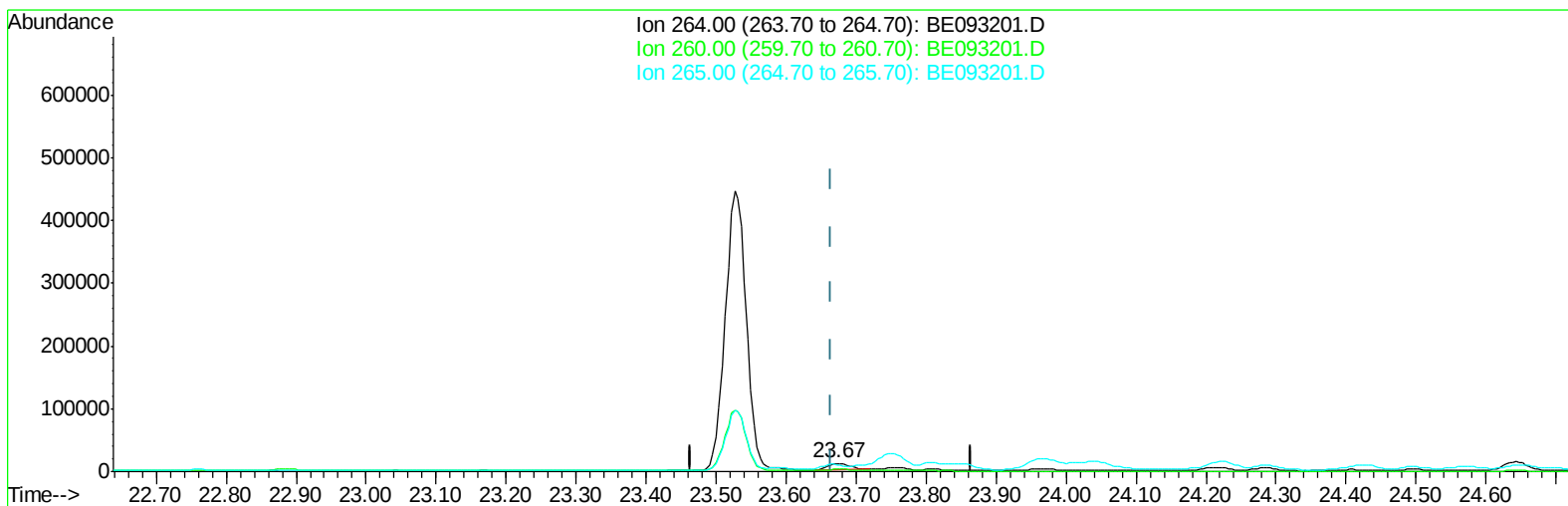
23.527min (-0.138) 0.40ng/ul

response 930813

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100    | 100    |
| 260.00 | 30.10  | 21.93# |
| 265.00 | 103.50 | 21.81# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\HPCHEM1\BNA\_E\Data\BE061417\  
Data File : BE093201.D  
Acq On : 15 Jun 2017 10:32  
Operator : SJ/MA  
Sample : I3520-14  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jun 15 11:38:58 2017  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE060717.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 15 07:58:47 2017  
Response via : Initial Calibration



TIC: BE093201.D

(20) Perylene-d12 (I)

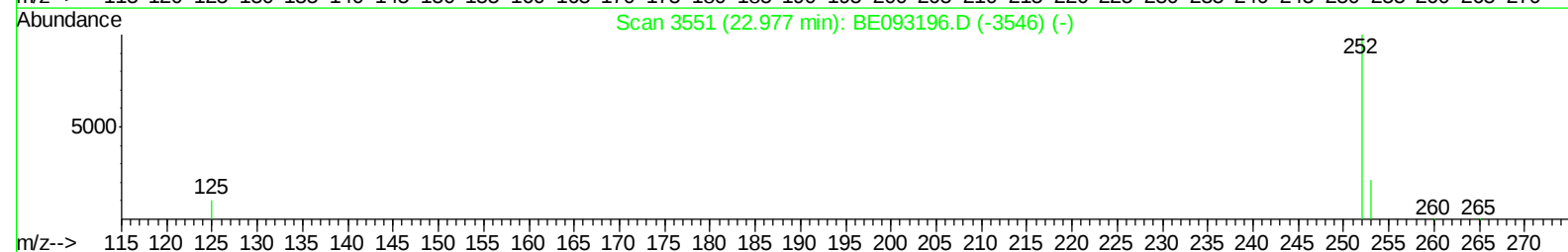
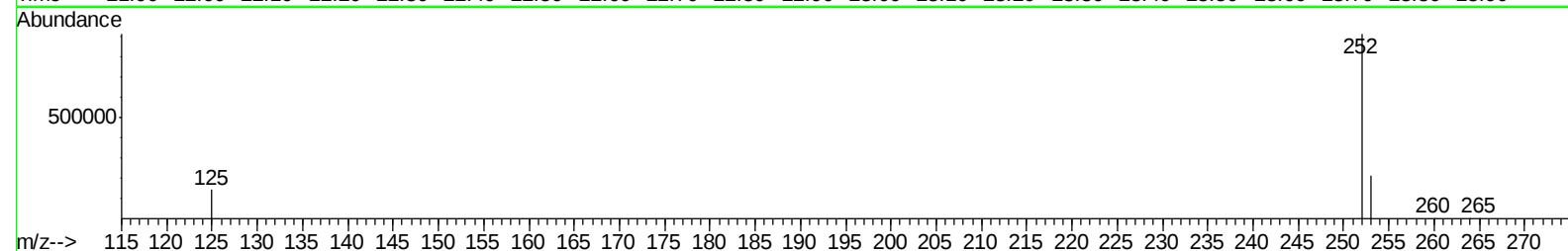
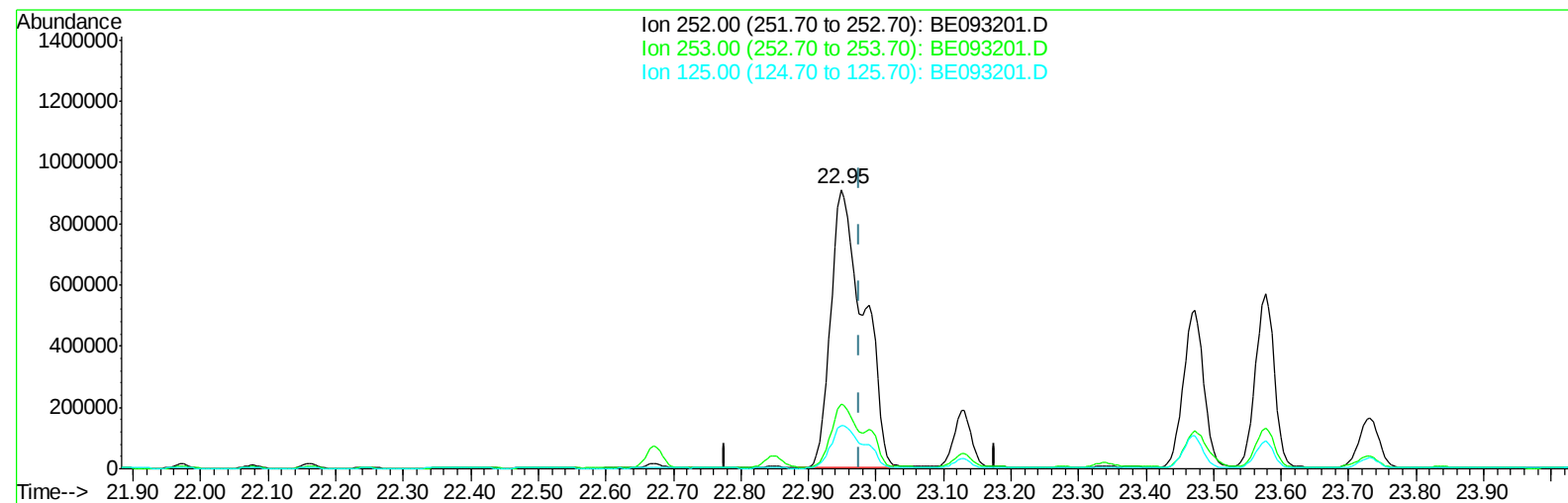
23.672min (+0.008) 0.40ng/ul m

response 20982

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100    | 100    |
| 260.00 | 30.10  | 30.30  |
| 265.00 | 103.50 | 79.90# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\HPCHEM1\BNA\_E\Data\BE061417\  
Data File : BE093201.D  
Acq On : 15 Jun 2017 10:32  
Operator : SJ/MA  
Sample : I3520-14  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jun 15 11:40:29 2017  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE060717.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 15 07:58:47 2017  
Response via : Initial Calibration



TIC: BE093201.D

(22) Benzo(k)fluoranthene

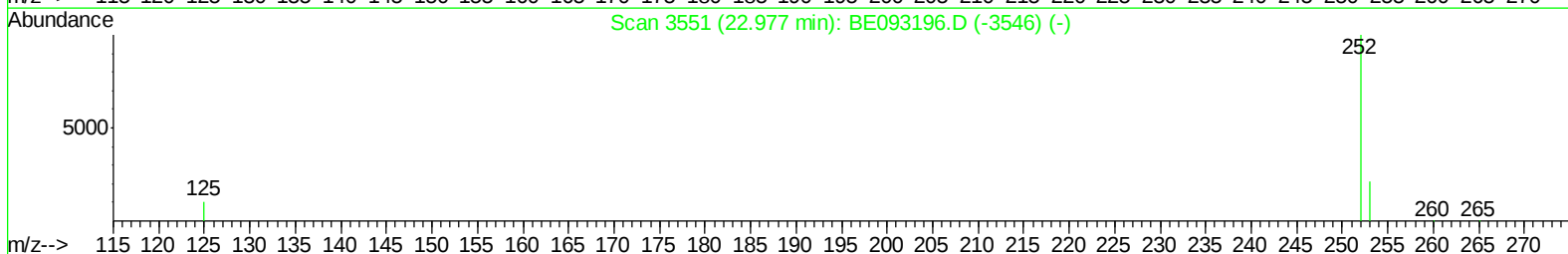
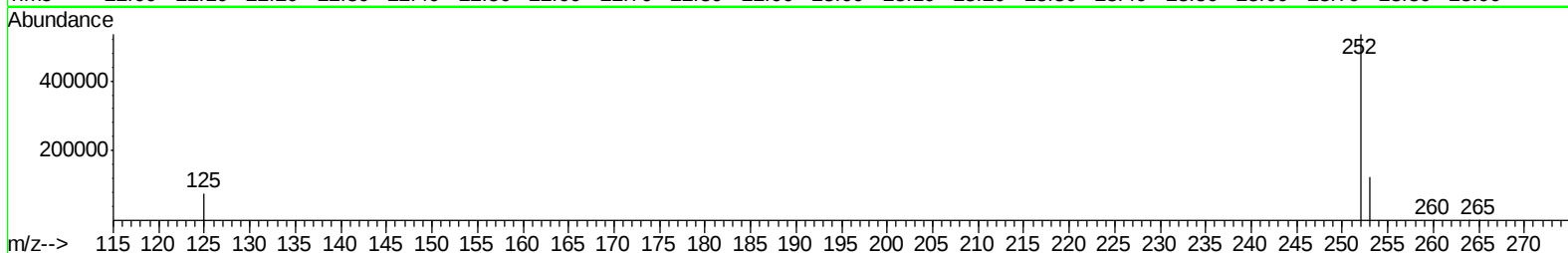
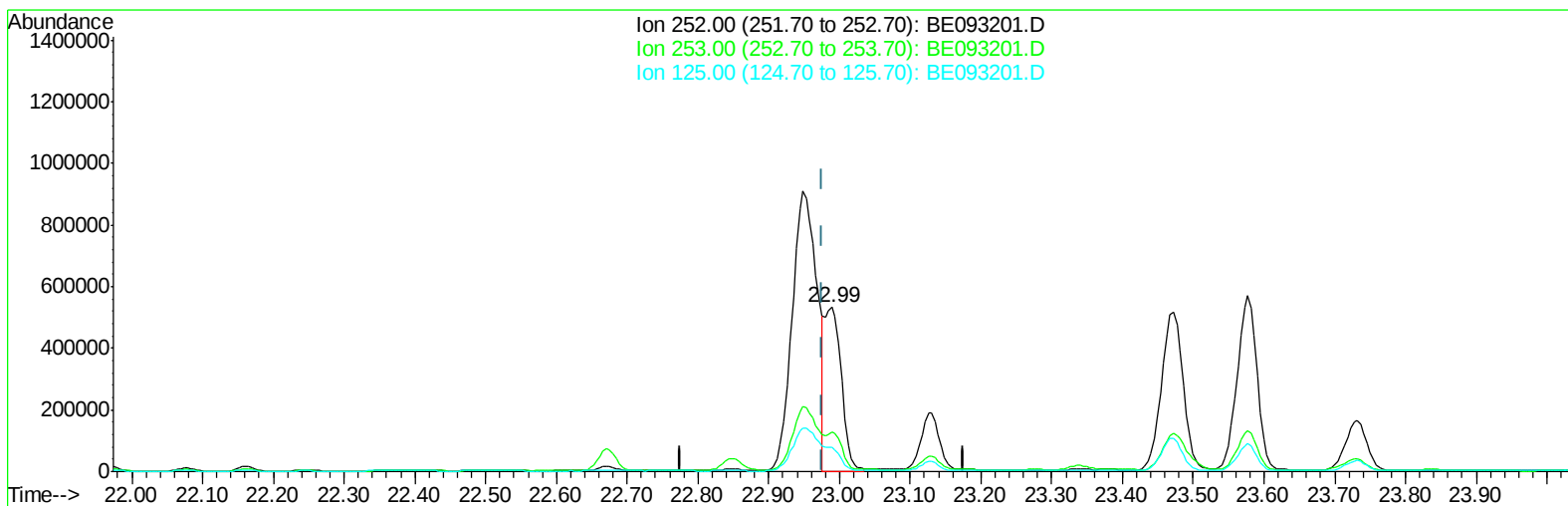
22.948min (-0.028) 45.37ng/ul

response 3068372

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 23.17# |
| 125.00 | 17.10 | 15.59  |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA\_E\Data\BE061417\  
Data File : BE093201.D  
Acq On : 15 Jun 2017 10:32  
Operator : SJ/MA  
Sample : I3520-14  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jun 15 11:40:29 2017  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE060717.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 15 07:58:47 2017  
Response via : Initial Calibration



TIC: BE093201.D

(22) Benzo(k)fluoranthene

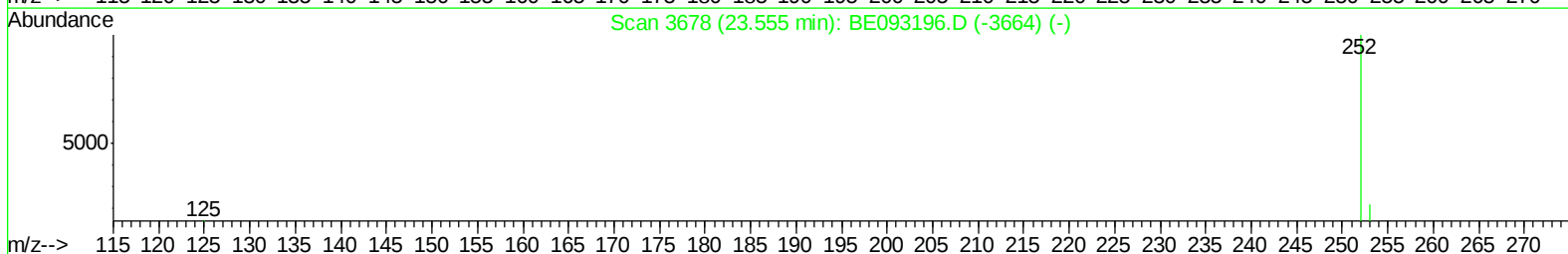
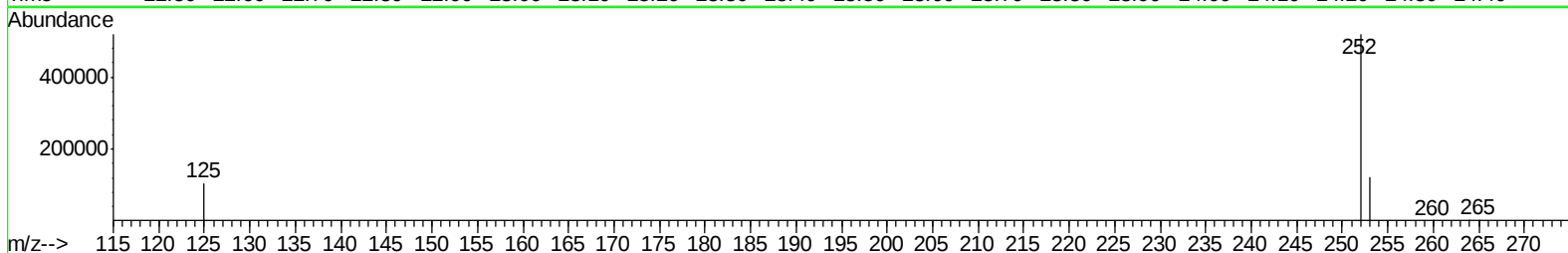
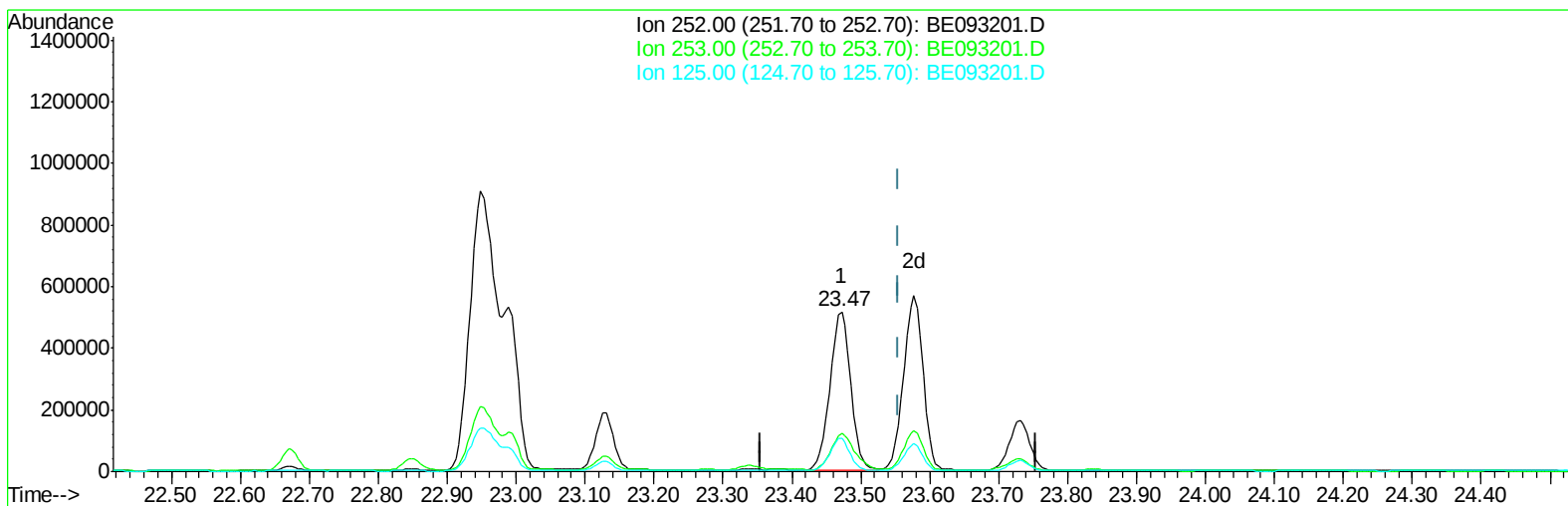
22.989min (+0.013) 12.52ng/ul m

response 846410

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 23.75# |
| 125.00 | 17.10 | 14.54  |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA\_E\Data\BE061417\  
Data File : BE093201.D  
Acq On : 15 Jun 2017 10:32  
Operator : SJ/MA  
Sample : I3520-14  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jun 15 11:40:29 2017  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE060717.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 15 07:58:47 2017  
Response via : Initial Calibration



TIC: BE093201.D

(23) Benzo(a)pyrene (C)

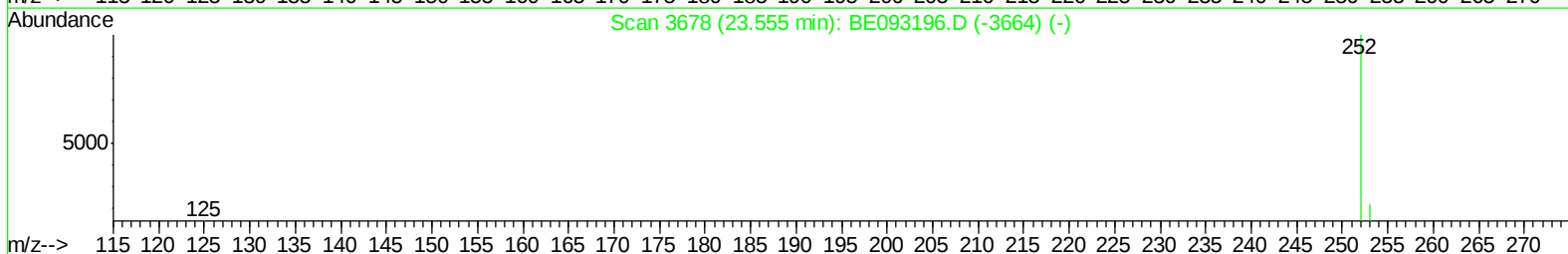
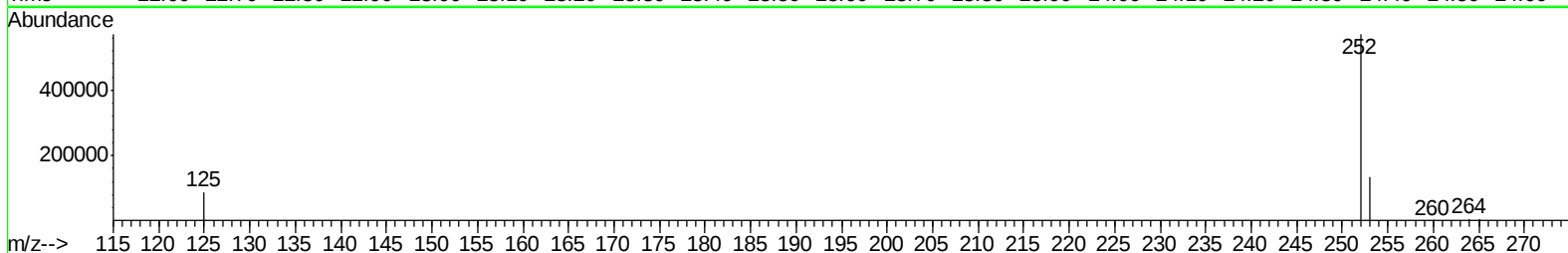
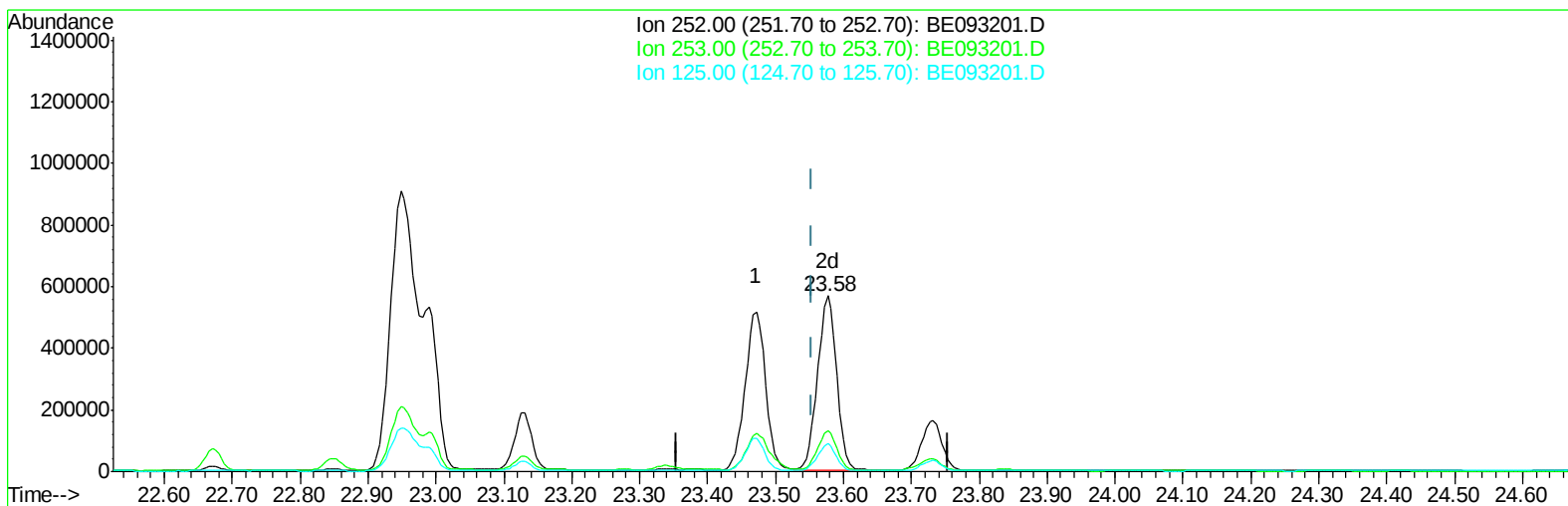
23.472min (-0.083) 18.05ng/ul

response 1086499

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 35.60 | 23.66# |
| 125.00 | 22.60 | 20.40  |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA\_E\Data\BE061417\  
Data File : BE093201.D  
Acq On : 15 Jun 2017 10:32  
Operator : SJ/MA  
Sample : I3520-14  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jun 15 11:40:29 2017  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE060717.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 15 07:58:47 2017  
Response via : Initial Calibration



TIC: BE093201.D

(23) Benzo(a)pyrene (C)

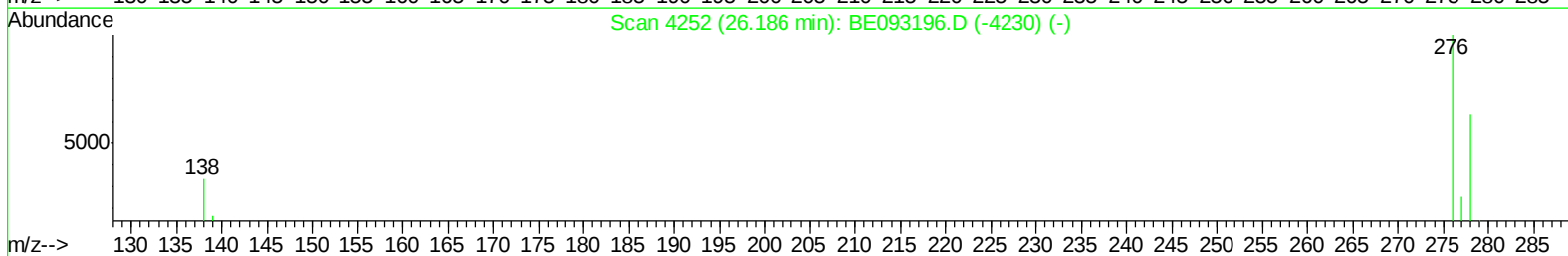
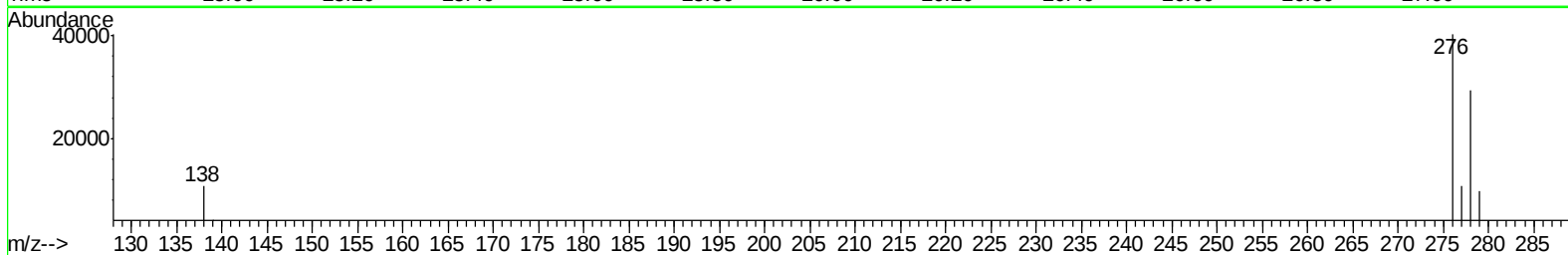
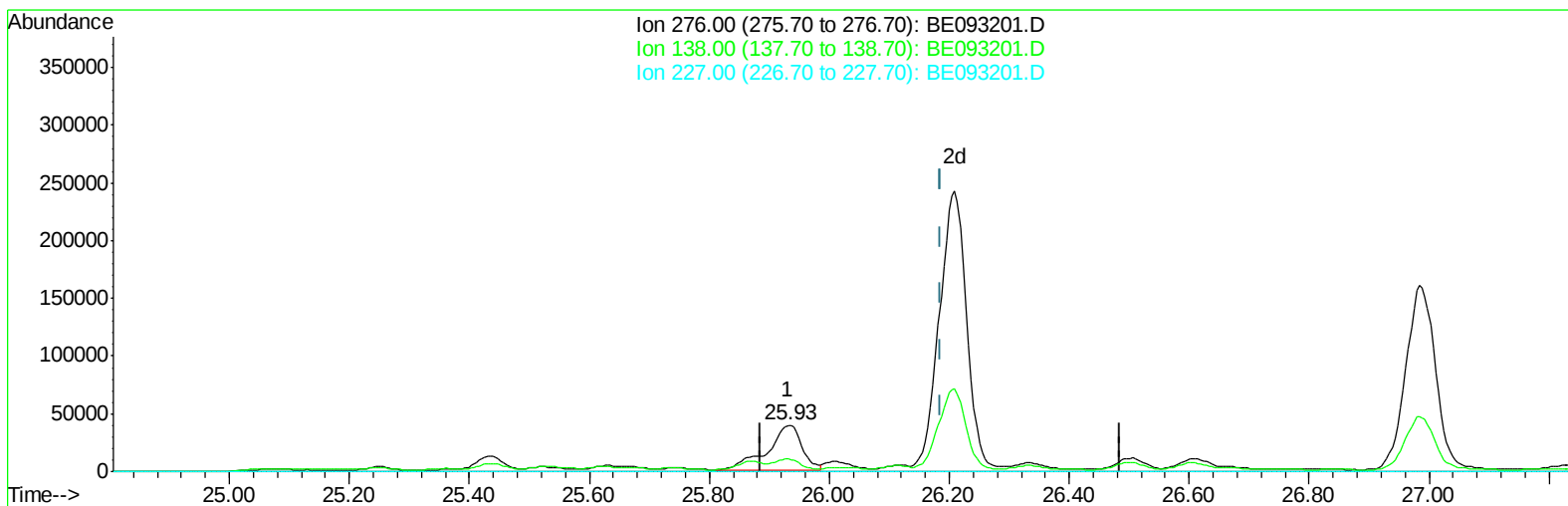
23.577min (+0.022) 18.56ng/ul m

response 1117445

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 35.60 | 23.26# |
| 125.00 | 22.60 | 15.62# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA\_E\Data\BE061417\  
Data File : BE093201.D  
Acq On : 15 Jun 2017 10:32  
Operator : SJ/MA  
Sample : I3520-14  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jun 15 11:40:29 2017  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE060717.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 15 07:58:47 2017  
Response via : Initial Calibration



TIC: BE093201.D

(24) Indeno(1,2,3-cd)pyrene

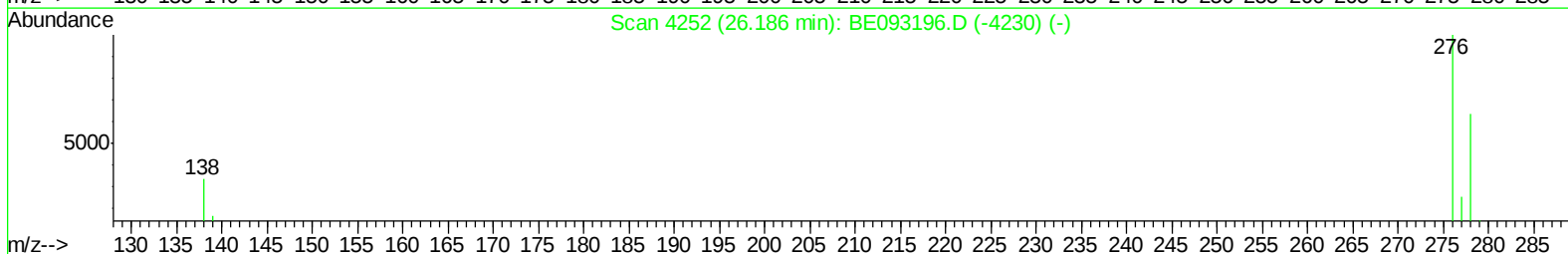
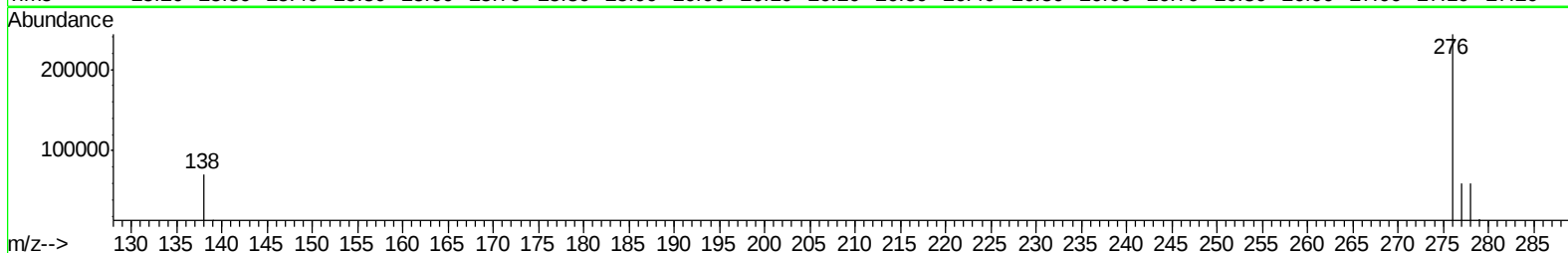
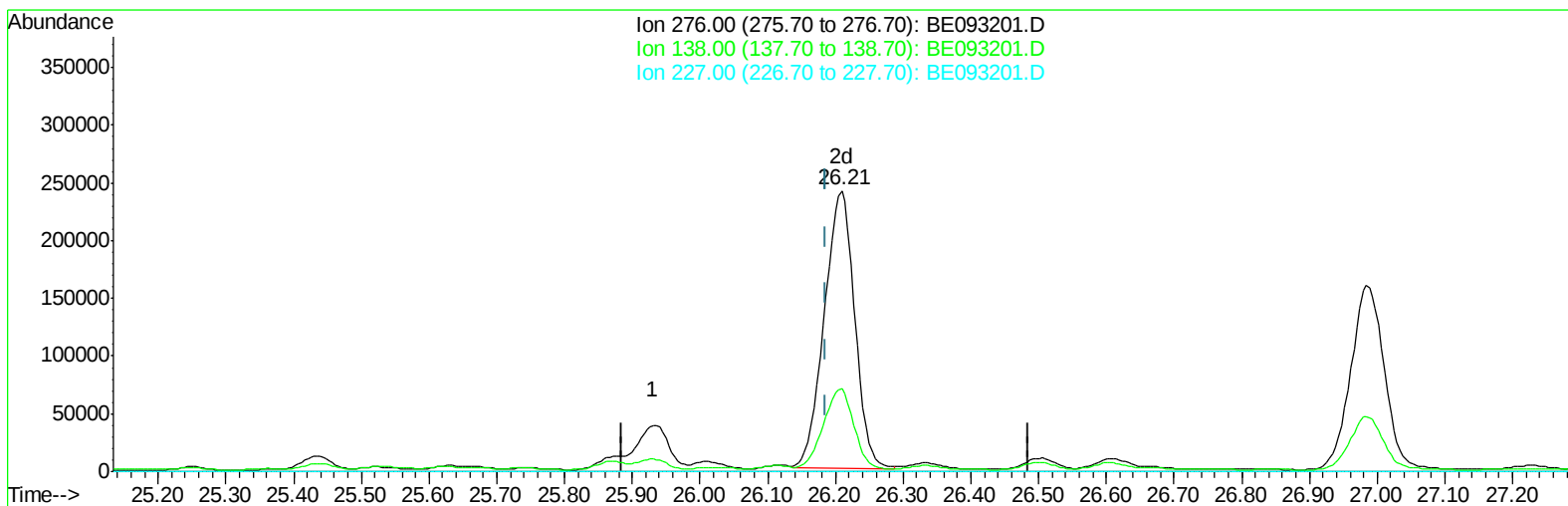
25.931min (-0.254) 2.22ng/ul

response 154999

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 138.00 | 35.00 | 16.59# |
| 227.00 | 10.00 | 0.00#  |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA\_E\Data\BE061417\  
Data File : BE093201.D  
Acq On : 15 Jun 2017 10:32  
Operator : SJ/MA  
Sample : I3520-14  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jun 15 11:40:29 2017  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE060717.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 15 07:58:47 2017  
Response via : Initial Calibration



TIC: BE093201.D

(24) Indeno(1,2,3-cd)pyrene

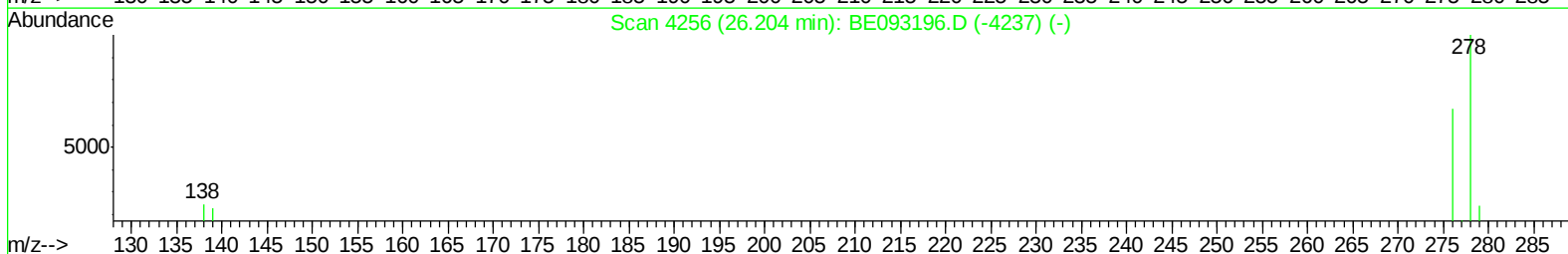
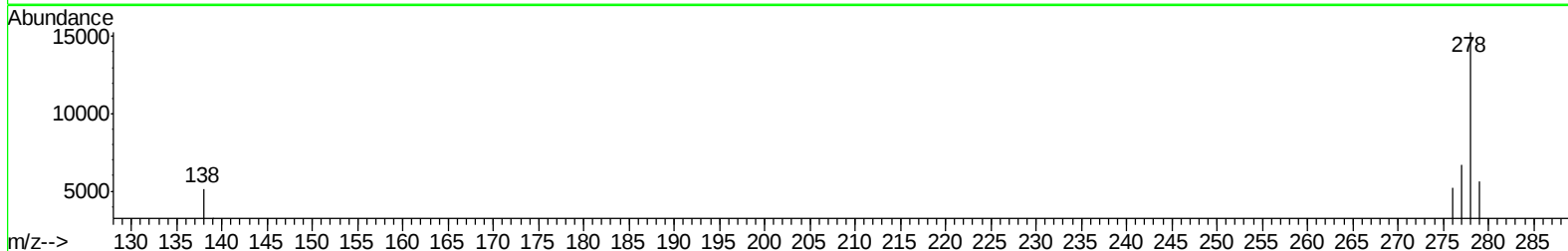
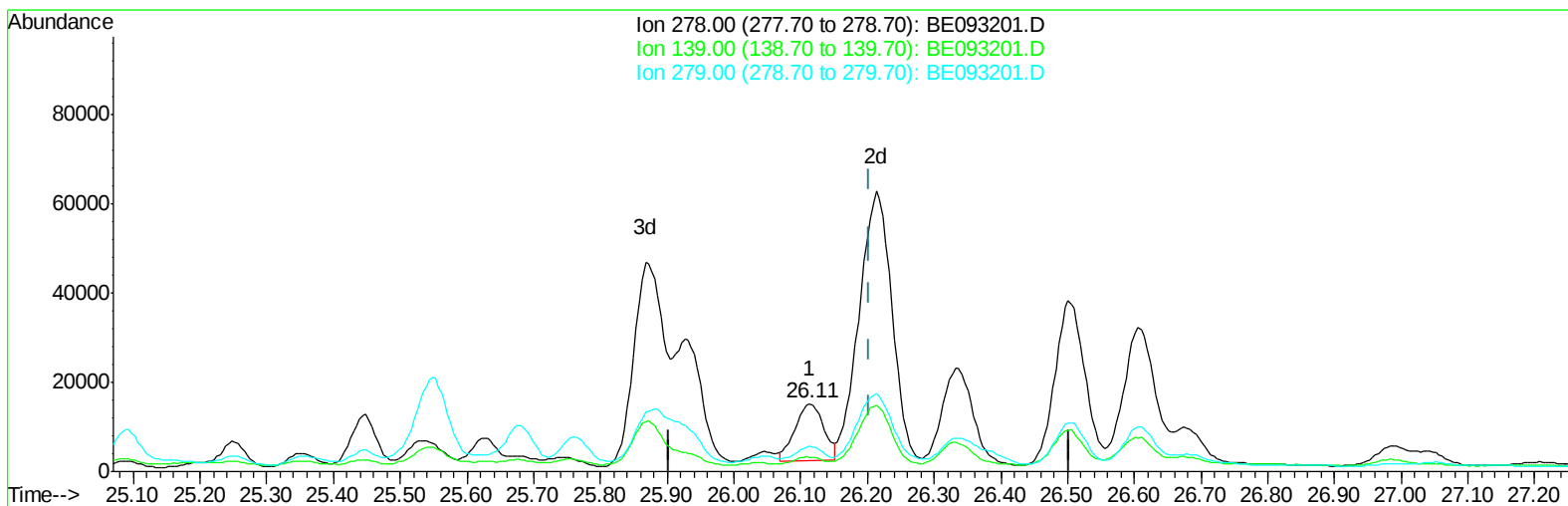
26.209min (+0.023) 10.75ng/ul m

response 749474

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 276.00 | 100   | 100   |
| 138.00 | 35.00 | 3.43# |
| 227.00 | 10.00 | 0.00# |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\HPCHEM1\BNA\_E\Data\BE061417\  
Data File : BE093201.D  
Acq On : 15 Jun 2017 10:32  
Operator : SJ/MA  
Sample : I3520-14  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jun 15 11:40:29 2017  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE060717.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 15 07:58:47 2017  
Response via : Initial Calibration



TIC: BE093201.D

(25) Dibenzo(a,h)anthracene

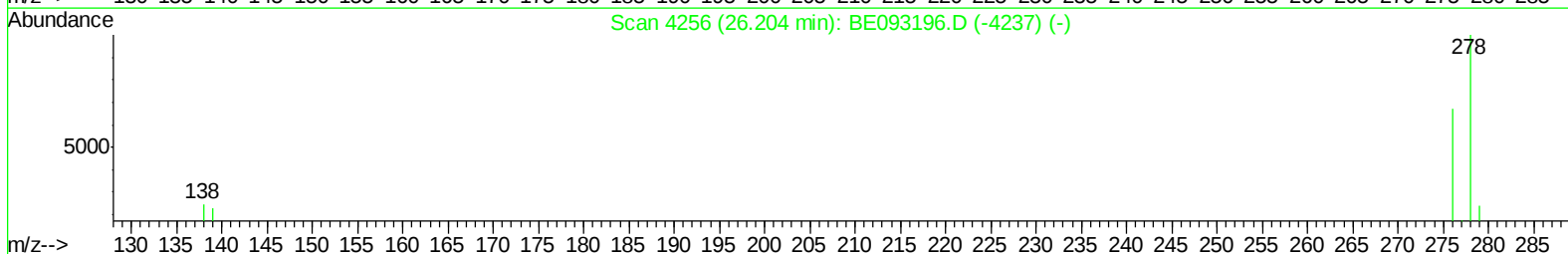
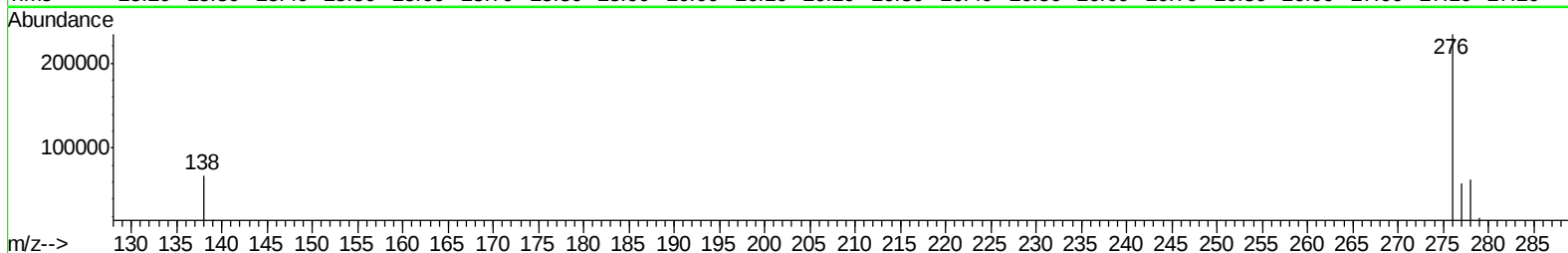
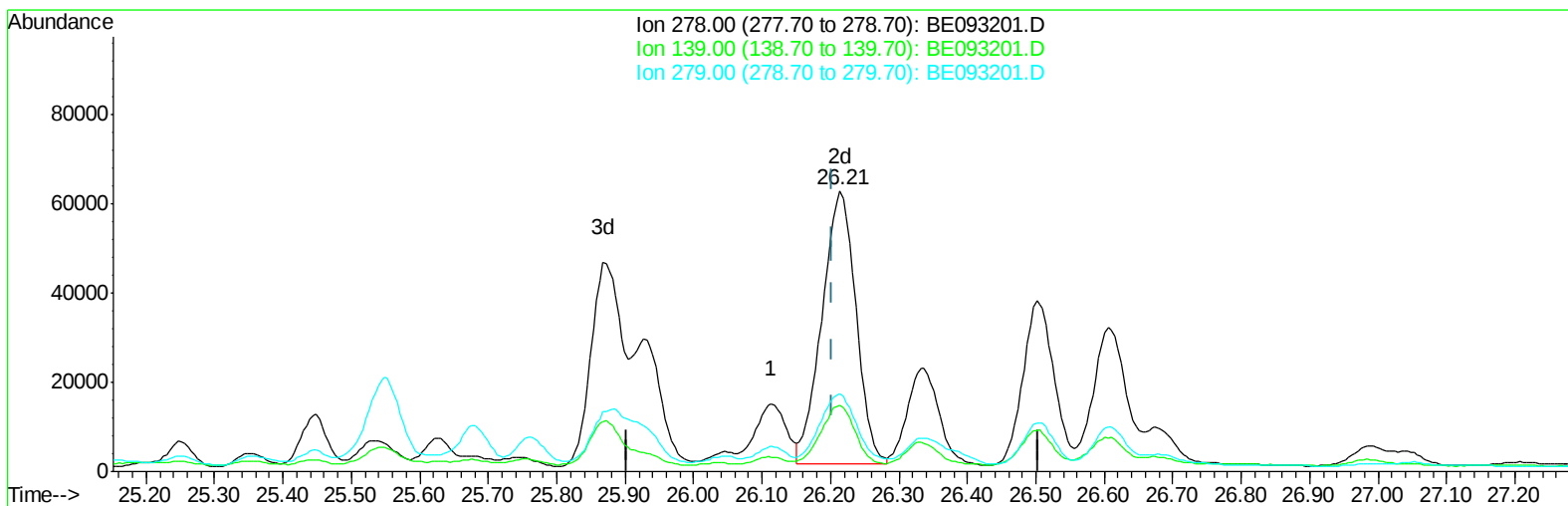
26.113min (-0.090) 0.66ng/ul

response 38864

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 278.00 | 100   | 100   |
| 139.00 | 21.70 | 21.18 |
| 279.00 | 32.40 | 37.08 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\HPCHEM1\BNA\_E\Data\BE061417\  
Data File : BE093201.D  
Acq On : 15 Jun 2017 10:32  
Operator : SJ/MA  
Sample : I3520-14  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jun 15 11:40:29 2017  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE060717.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 15 07:58:47 2017  
Response via : Initial Calibration



TIC: BE093201.D

(25) Dibenzo(a,h)anthracene

26.214min (+0.010) 3.59ng/ul m

response 211041

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 278.00 | 100   | 100   |
| 139.00 | 21.70 | 23.65 |
| 279.00 | 32.40 | 27.77 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\HPCHEM1\BNA\_E\Data\BE061417\  
 Data File : BE093201.D  
 Acq On : 15 Jun 2017 10:32  
 Operator : SJ/MA  
 Sample : I3520-14  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jun 15 11:42:40 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE060717.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 15 07:58:47 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.74  | 152  | 3657     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.52 | 136  | 19398    | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.37 | 164  | 11779    | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.10 | 188  | 26248    | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.27 | 240  | 25209    | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.67 | 264  | 20982m   | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.11 | 152  | 5957     | 0.21   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.13 | 212  | 13827    | 0.19   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 3) Naphthalene              | 10.57 | 128  | 38275    | 0.795  | ng/ul# | 91       |
| 5) 2-Methylnaphthalene      | 12.18 | 142  | 8453     | 0.257  | ng/ul  | 99       |
| 7) Acenaphthylene           | 14.09 | 152  | 146911   | 2.906  | ng/ul  | 95       |
| 8) Acenaphthene             | 14.43 | 153  | 5120     | 0.126  | ng/ul  | 97       |
| 9) Fluorene                 | 15.42 | 166  | 7156     | 0.150  | ng/ul  | 91       |
| 12) Phenanthrene            | 17.14 | 178  | 87213    | 1.208  | ng/ul# | 86       |
| 13) Anthracene              | 17.22 | 178  | 318227   | 5.061  | ng/ul# | 85       |
| 15) Fluoranthene            | 19.16 | 202  | 685338   | 7.738  | ng/ul  | 84       |
| 17) Pyrene                  | 19.52 | 202  | 1109383  | 14.923 | ng/ul# | 86       |
| 18) Benzo(a)anthracene      | 21.25 | 228  | 876620   | 13.037 | ng/ul# | 84       |
| 19) Chrysene                | 21.30 | 228  | 1008777  | 14.462 | ng/ul  | 97       |
| 21) Benzo(b)fluoranthene    | 22.95 | 252  | 2229856  | 35.020 | ng/ul  | 88       |
| 22) Benzo(k)fluoranthene    | 22.99 | 252  | 846410m  | 12.516 | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.58 | 252  | 1117445m | 18.560 | ng/ul  |          |
| 24) Indeno(1,2,3-cd)pyrene  | 26.21 | 276  | 749474m  | 10.751 | ng/ul  |          |
| 25) Dibenzo(a,h)anthracene  | 26.21 | 278  | 211041m  | 3.595  | ng/ul  |          |
| 26) Benzo(g,h,i)perylene    | 26.98 | 276  | 549580   | 9.193  | ng/ul  | 96       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA\_E\Data\BE061417\  
Data File : BE093201.D  
Acq On : 15 Jun 2017 10:32  
Operator : SJ/MA  
Sample : I3520-14  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jun 15 11:42:40 2017  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE060717.M  
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